

Name: Jennifer Zhang

Date: 7/15/14

WEEKLY ONE SENTENCE: continue ZBS and promoter pairs

DAILY ONE SENTENCE: - re amplify ZBS PCR

METHOD(S) OF CHOICE:

PCR

- thin gel

DPN1 digest

PCR purification

EXPECTED RESULT:

band ~ 1kb

(X) check if APE file exists on Drive)

TEMPLATE(S): memory w/ ZH1, ZH2, ZM1, ZM2, ZH1

14-18

OLIGO(S):

SV3

THERMOCYCLER SETTINGS: ZBS 65 → 31 cycles

CONTROLS:

POSITIVE:

NEGATIVE: no polymerase

CONFIRMATION?

- thin gel

GEL LANE ORDER:

SV3 ZH1 ZH2 ZM1 ZM2 ZL1 N

GEL PICTURE / OTHER SPACE:

DPN1 digest: 2 ml water + DPN1 ~ 25 ml
0.5 ml

Name: Katie Fittan

Date: 7/15/14

WEEKLY ONE SENTENCE:

(ONTHIVE testing RBS primers & promoters

DAILY ONE SENTENCE:

Reamplify template from yesterday, digest, &

PCR cleanup

METHOD(S) OF CHOICE:

PCR

Gel electrophoresis

~~DPW~~ Digestion PCR cleanup

EXPECTED RESULT:

band @ 1 kb

☒ check if APE file exists on Drive)

TEMPLATE(S): ~~oligo~~ products from end of yesterday
(mcherry w/ RBS primers
74-78)

OLIGO(S): 363 & 74-78

THERMOCYCLER SETTINGS: RBS 65 & DIGEST

CONTROLS:

POSITIVE:

NEGATIVE:

w/o polymerase

CONFIRMATION?

gel

GEL LANE ORDER:

GEL PICTURE / OTHER SPACE:

Name: *Cleen Tuen*

Date: *7/15/14*

WEEKLY ONE SENTENCE:

Working on PBS + mLibrary

DAILY ONE SENTENCE:

reamplifying ROS + mLibrary

METHOD(S) OF CHOICE:

- PCR - QM1 digest

- gel - PCR purification

EXPECTED RESULT:

~1 kb

CONFIRMATION?

gel

GEL LANE ORDER:

GEL PICTURE / OTHER SPACE:

☒ check if APE file exists on Drive)

TEMPLATE(S): *140715 PBS + mLibrary*

OLIGO(S): *74-78, 363*

THERMOCYCLER SETTINGS: *94-4' { 94-15" ; 65-15" ; 68-1.5' } x 31 ; 68-4' ; 9°C*

CONTROLS:

POSITIVE:

NEGATIVE:

no polymerase